

Monoclonal Anti-*Cryptosporidium parvum* Oocyst Wall, Clone 4D1 (produced *in vitro*)

Catalog No. NR-14799

This reagent is the tangible property of the U.S. Government.

Product Description: Mouse monoclonal antibody against purified protein from *Cryptosporidium parvum* (*C. parvum*) oocyst wall was produced *in vitro* from hybridoma clone 4D1.

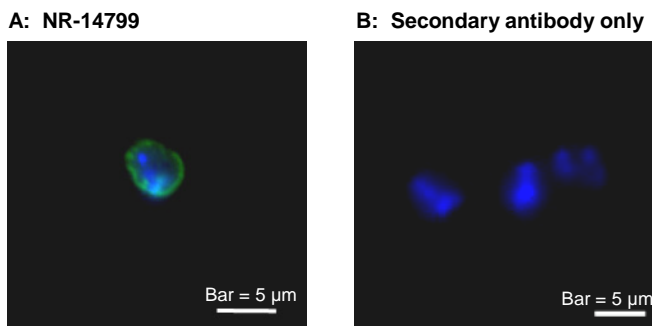
Lot: 59508151

Manufacturing Date: 19OCT2010

TEST	SPECIFICATIONS	RESULTS
Antibody Isotype Determination	Report results	IgM κ
Functional Activity by Indirect Immunofluorescence Assay (IFA) ¹ NR-14799 Secondary antibody alone	Report results Report results	Prominent fluorescence observed (Figure 1A) No fluorescence observed (Figure 1B)
Sterility	0.22 μ m filter-sterilized	0.22 μ m filter-sterilized

¹Unfixed oocysts of *C. parvum*, strain IOWA were stained with a 1:300 dilution of NR-14799 followed by Alexa Fluor[®] 488 goat anti-mouse IgM (Invitrogen™ A-21042), resulting in green fluorescence localized to the oocyst wall. Sporozoite nuclei were stained (blue) with 4',6-diamidino-2-phenylindole (DAPI).

Figure 1
Indirect Immunofluorescence Analysis of *C. parvum*, Strain IOWA Oocysts



Date: 07 FEB 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection. You are authorized to use this product for research use only. It is not intended for human use.

